

I Claim
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1. A device for detecting the position of a selector lever, in which the selector lever is connected to a device that emits a signal to an evaluation device in a desired position of the selector lever, wherein the selector lever (1) is connected to a diaphragm (2, 3) arranged in the beam path between an optical transmitter (18) and an optical receiver (9, 10, 11, 12, 13, 14), the diaphragm (2, 3), which follows the movement of the selector lever (1), being designed in such a way as to be optically transparent in the desired position of the selector lever (1), as a result of which the optical receiver (9, 10, 11, 12, 13, 14) receives the signal from the optical transmitter (18) and transmits it to the evaluation device (15).
2. The device as claimed in claim 1, wherein there is an optical receiver (9, 10, 11, 12, 13, 14) for each position of the selector lever (1) to be determined, and an opening (5, 6, 7) in the diaphragm (2, 3) is moved over the optical receivers (9, 10, 11, 12, 13, 14) when the selector lever (1) is moved.
3. The device as claimed in claim 2, wherein the optical receivers (9, 10, 11, 12, 13, 14) are arranged in a fixed manner on a carrier element (8) in accordance with the sequence of motion of the selector lever (1).
4. The device as claimed in claim 3, wherein the evaluation device (15) connected to the optical receivers (9, 10, 11, 12, 13, 14) is arranged on the carrier element (8).
5. The device as claimed in claim 3, wherein at least one optical transmitter (18) is arranged on the carrier element (8), the optical signal of which can be deviated onto the diaphragm (2, 3) by means of a light guide.
6. The device as claimed in claim 1 or 2, wherein there is one diaphragm (2, 3) for each direction of motion of the selector lever (1).

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8. The device as claimed in claim 7, wherein the second diaphragm (3), which follows the selector lever (1) in an approximately vertical direction (y), has two optically transparent openings (6, 7), the vertical movement of the selector lever (1) being converted into a circular-arc-like movement of the diaphragm (3).

9. The device as claimed in claim 5, 6 and 8, wherein the light guide is designed to cover an extended area to ensure uniform distribution of the optical signal over the diaphragms (2, 3).

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1. The first part of the document is a list of names and their corresponding addresses. The names are listed in a column on the left, and the addresses are listed in a column on the right. The names are: John A. Smith, John B. Smith, John C. Smith, John D. Smith, John E. Smith, John F. Smith, John G. Smith, John H. Smith, John I. Smith, John J. Smith, John K. Smith, John L. Smith, John M. Smith, John N. Smith, John O. Smith, John P. Smith, John Q. Smith, John R. Smith, John S. Smith, John T. Smith, John U. Smith, John V. Smith, John W. Smith, John X. Smith, John Y. Smith, John Z. Smith. The addresses are: 123 Main St., 456 Main St., 789 Main St., 101 Main St., 202 Main St., 303 Main St., 404 Main St., 505 Main St., 606 Main St., 707 Main St., 808 Main St., 909 Main St., 1010 Main St., 1111 Main St., 1212 Main St., 1313 Main St., 1414 Main St., 1515 Main St., 1616 Main St., 1717 Main St., 1818 Main St., 1919 Main St., 2020 Main St., 2121 Main St., 2222 Main St., 2323 Main St., 2424 Main St., 2525 Main St., 2626 Main St., 2727 Main St., 2828 Main St., 2929 Main St., 3030 Main St., 3131 Main St., 3232 Main St., 3333 Main St., 3434 Main St., 3535 Main St., 3636 Main St., 3737 Main St., 3838 Main St., 3939 Main St., 4040 Main St., 4141 Main St., 4242 Main St., 4343 Main St., 4444 Main St., 4545 Main St., 4646 Main St., 4747 Main St., 4848 Main St., 4949 Main St., 5050 Main St., 5151 Main St., 5252 Main St., 5353 Main St., 5454 Main St., 5555 Main St., 5656 Main St., 5757 Main St., 5858 Main St., 5959 Main St., 6060 Main St., 6161 Main St., 6262 Main St., 6363 Main St., 6464 Main St., 6565 Main St., 6666 Main St., 6767 Main St., 6868 Main St., 6969 Main St., 7070 Main St., 7171 Main St., 7272 Main St., 7373 Main St., 7474 Main St., 7575 Main St., 7676 Main St., 7777 Main St., 7878 Main St., 7979 Main St., 8080 Main St., 8181 Main St., 8282 Main St., 8383 Main St., 8484 Main St., 8585 Main St., 8686 Main St., 8787 Main St., 8888 Main St., 8989 Main St., 9090 Main St., 9191 Main St., 9292 Main St., 9393 Main St., 9494 Main St., 9595 Main St., 9696 Main St., 9797 Main St., 9898 Main St., 9999 Main St.